

ABSTRACT OF THE DISCLOSURE

A system for using Dynamic Host Configuration Protocol (DHCP) address assignments to determine a local destination address of a received packet in a Network Address Translation (NAT) environment. The system includes a DHCP server to assign local IP addresses to devices
5 on a network. The system has a NAT device to execute network address translation, and a packet device to receive packets. The system further includes an addressing device to determine the local destination address of a packet received by the packet device. The addressing device uses an association table created from symbolic names of the devices on the network and the local IP addresses associated with the devices.